

JAN 22 1982

1422 series

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME DYKEM COMPANY		EMERGENCY TELEPHONE NO. (314) 423-0100
ADDRESS (Number, Street, City, State, and ZIP Code) 8501 Delport Drive, St. Louis, Missouri 63114		
CHEMICAL NAME AND SYNONYMS SPECIALTY LACQUERS		TRADE NAME AND SYNONYMS DYKEM SPRAY LAYOUT FLUIDS
CHEMICAL FAMILY SPECIALTY LACQUERS		FORMULA

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS Dyes	1	---	BASE METAL		
CATALYST			ALLOYS		
VEHICLE Variable up to	5	---	METALLIC COATINGS		
SOLVENTS Variable up to	49	1000	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES Solvents Variable up to	30	150	OTHERS Freon 12 or		
OTHERS Solvents Variable up to	11	100	" equivalent	40	1000
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

"DYKEM" is the Registered Trade-mark of a line of Proprietary Products used by Industry since 1920. Never any harm to any of our employees who handle daily large volumes of raw and finished products. No customer has ever reported any adverse effects. Containers are labeled with Caution Notices regarding flammability and use with adequate ventilation. Our employees use Dykem Remover and Thinner 133 to remove stains from hands.

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) 167°F (Average)	SPECIFIC GRAVITY (H₂O=1) .86 to .89
VAPOR PRESSURE (mm Hg.) 25.1mm@20°C	PERCENT VOLATILE BY VOLUME (%) 80 to 90
VAPOR DENSITY (AIR=1) Heavier than air	EVAPORATION RATE (_____ =1) Faster than Butyl Acetate
SOLUBILITY IN WATER Partially	
APPEARANCE AND ODOR Intense color. Mild odor.	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) (average) 63°F Cleveland Open Cup	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA Carbon Dioxide			
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS Pressurized containers when exposed to excessive heat will burst.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

850(Estimated)

EFFECTS OF OVEREXPOSURE

Irritation of nose and throat

EMERGENCY AND FIRST AID PROCEDURES

Flush eye contact with water, call Doctor.

If swallowed, induce vomiting, call Doctor.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

None

INCOMPATIBILITY (Materials to avoid)

Strong oxidizing materials

HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

None

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Absorbe in waste material that can be burned.

Remove stain (color) with Dykem Remover & Thinner 138

WASTE DISPOSAL METHOD

No waste normally, incinerate or normal disposal for flammables.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

None needed

VENTILATION

LOCAL EXHAUST

Preferred (Ordinary)

SPECIAL

None

MECHANICAL (General)

Acceptable

OTHER

None

PROTECTIVE GLOVES

None needed

EYE PROTECTION

None needed under normal conditions

OTHER PROTECTIVE EQUIPMENT

None needed

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat and flames.

OTHER PRECAUTIONS

None